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PATENT ABSTRACTS OF JAPAN

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(71)Applicant : SHARP CORP

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(54) INK, AND IMAGE-FORMING METHOD AND IMAGE-FORMING DEVICE BY INKJET METHOD

(57)Abstract:

PROBLEM TO BE SOLVED: To provide an ink capable of forming an image of high quality, and an image-forming method and an image-forming device by an inkjet method using the ink.

SOLUTION: The ink comprises a solid component comprising a pigment and a fixing agent and is made to adhere on a recording material having a coating layer on the surface by an inkjet method to form an image, where the concentration m (wt%) of the solid component in the ink is adjusted so that the length L (μm) of one side in the minimum pixel of an image satisfies the relation: $L3 \leq (-850m + 13,000) \times V$ when the volume of the ink is V (pl).